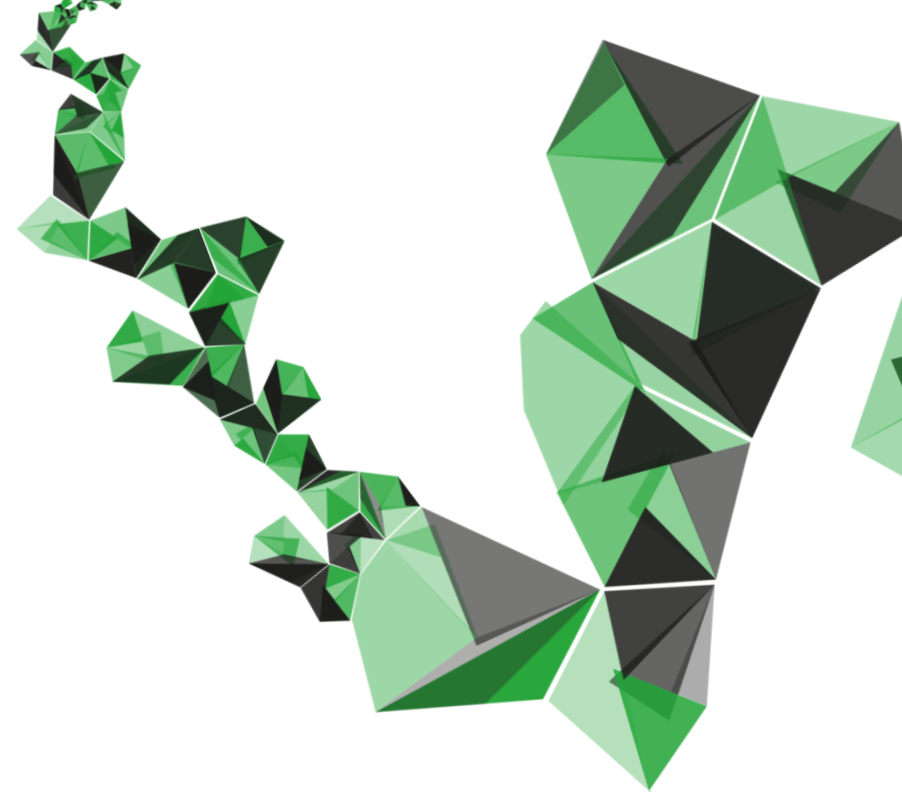


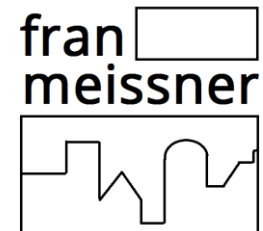


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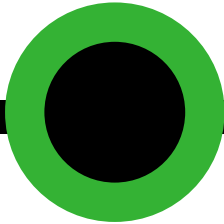


SHOULD WE ALL BE ETHICISTS NOW?

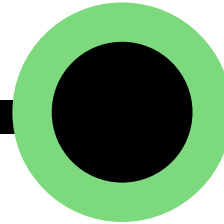
BUILDING SUSTAINABLE URBAN MOBILITY DATA ECOSYSTEMS



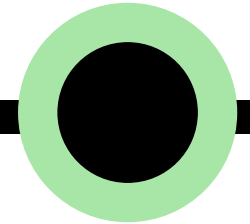
IN THIS PRESENTATION:



**MOBILITY DATA ECO
SYSTEMS AND ETHICS**

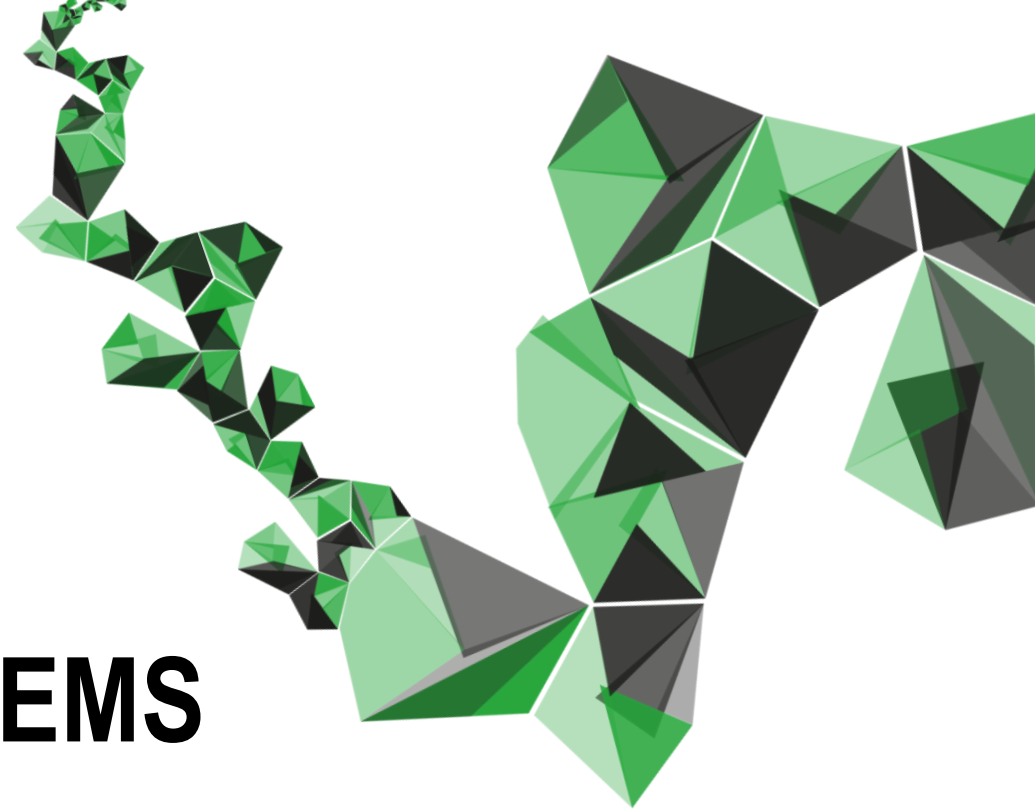


**WHY CARE ABOUT
MOBILITY DATA ETHICS
BEYOND THE DATA?**



**WHAT KIND OF APPLIED
ETHICS IS (NOT) NEEDED?**

01. MOBILITY DATA ECOSYSTEMS

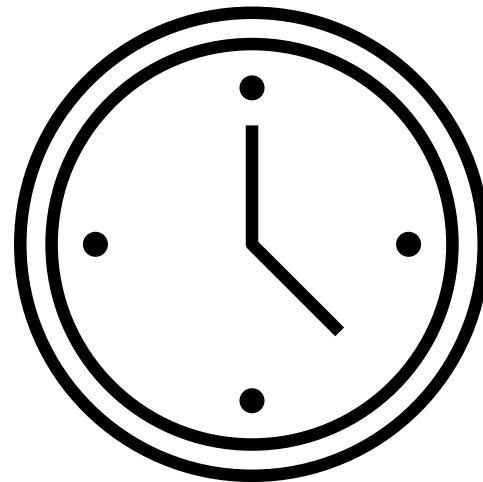
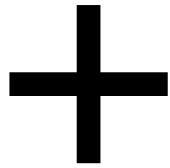


“We need to create smart cities and urban science that have a set of ethical principles and values at their heart. “

(Kitchin, 2016: 12)



<http://dx.doi.org/10.1098/rsta.2016.0115>





Cellular Service Records



WiFi access point records



GPS locations



Geotagged Social Media Records



Smart Card Data



Traffic Sensors



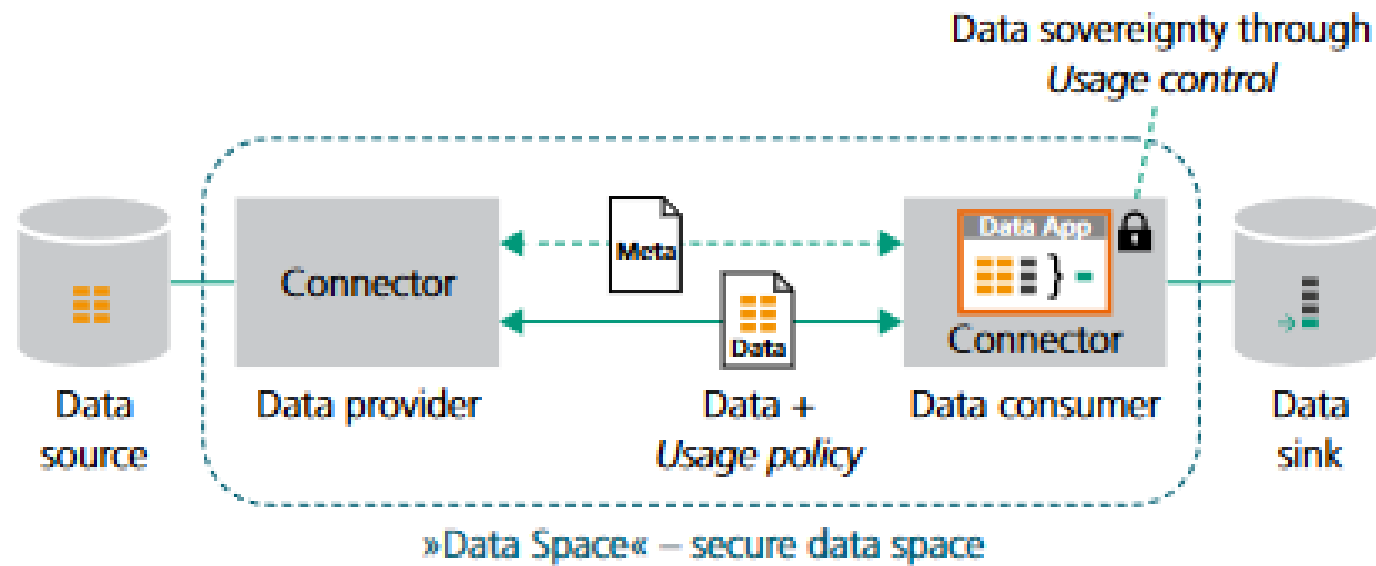
Satellite imagery



Scheduling Information



App Use Data



1 *Functional principle of data sovereignty through mechanisms.*

MOBILITY DATA SPACE

SECURE DATA SPACE FOR
THE SOVEREIGN AND CROSS-PLATFORM
UTILIZATION OF MOBILITY DATA

Source:
Pretzsch et al (2022).



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^ Geoinformation



Space4Cities

Using big data from space to shape the city of the future

[Find out more](#)



Smart Infrastructure Management

Speeding up planning and assuring quality through connecting all parties involved in construction projects

[Find out more](#)



3D Planning Platform

The Digital Twin as a basis for 3D planning and citizen participation (Smart Urban Planning)

[Find out more](#)

Source: <https://www.data-infrastructure.eu/Redaktion/EN/Dossier/gaia-x.html#doc2845524bodyText9> accessed: 26-03-22

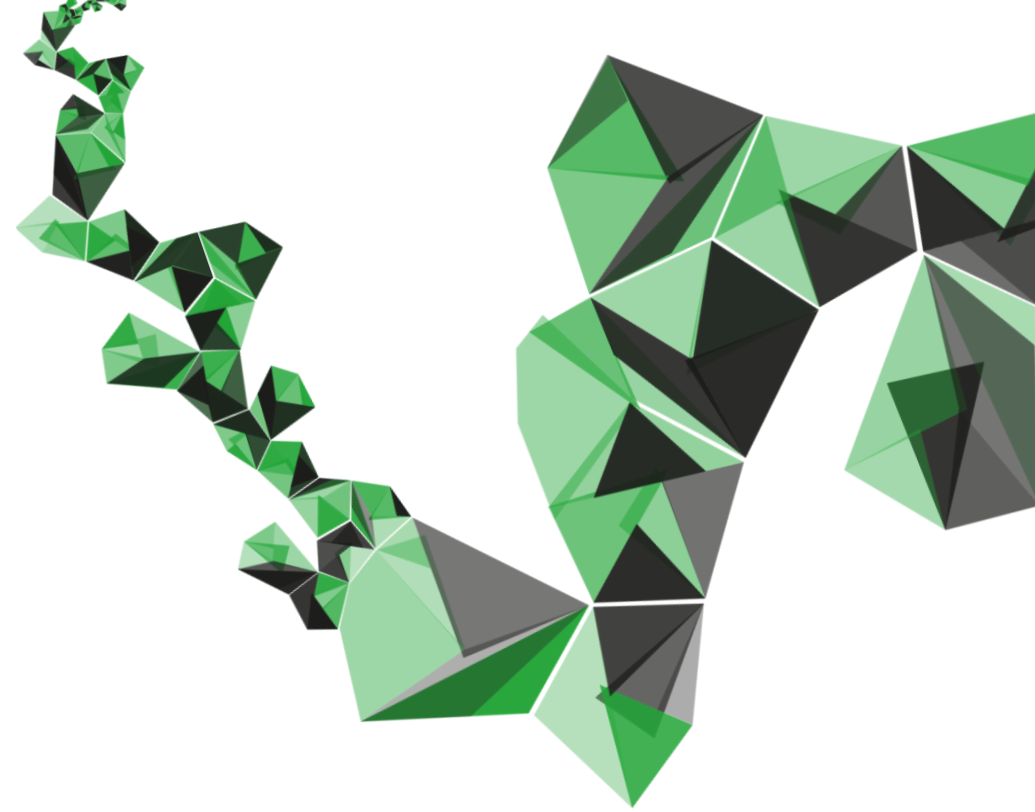
MaaS-pilots

Optimaliseren van het mobiliteitssysteem

 **MaaS**
Mobility as a Service



02. MOBILITY DATA ETHICS BEYOND THE SYSTEM



A City Is Not a Computer

This seems an obvious truth, but we need to say it loud and clear. Urban intelligence is more than information processing.

SHANNON MATTERN

FEBRUARY 2017

- Mattern, Shannon (2017): A City Is Not a Computer. In *Places Journal*. DOI: 10.22269/170207.

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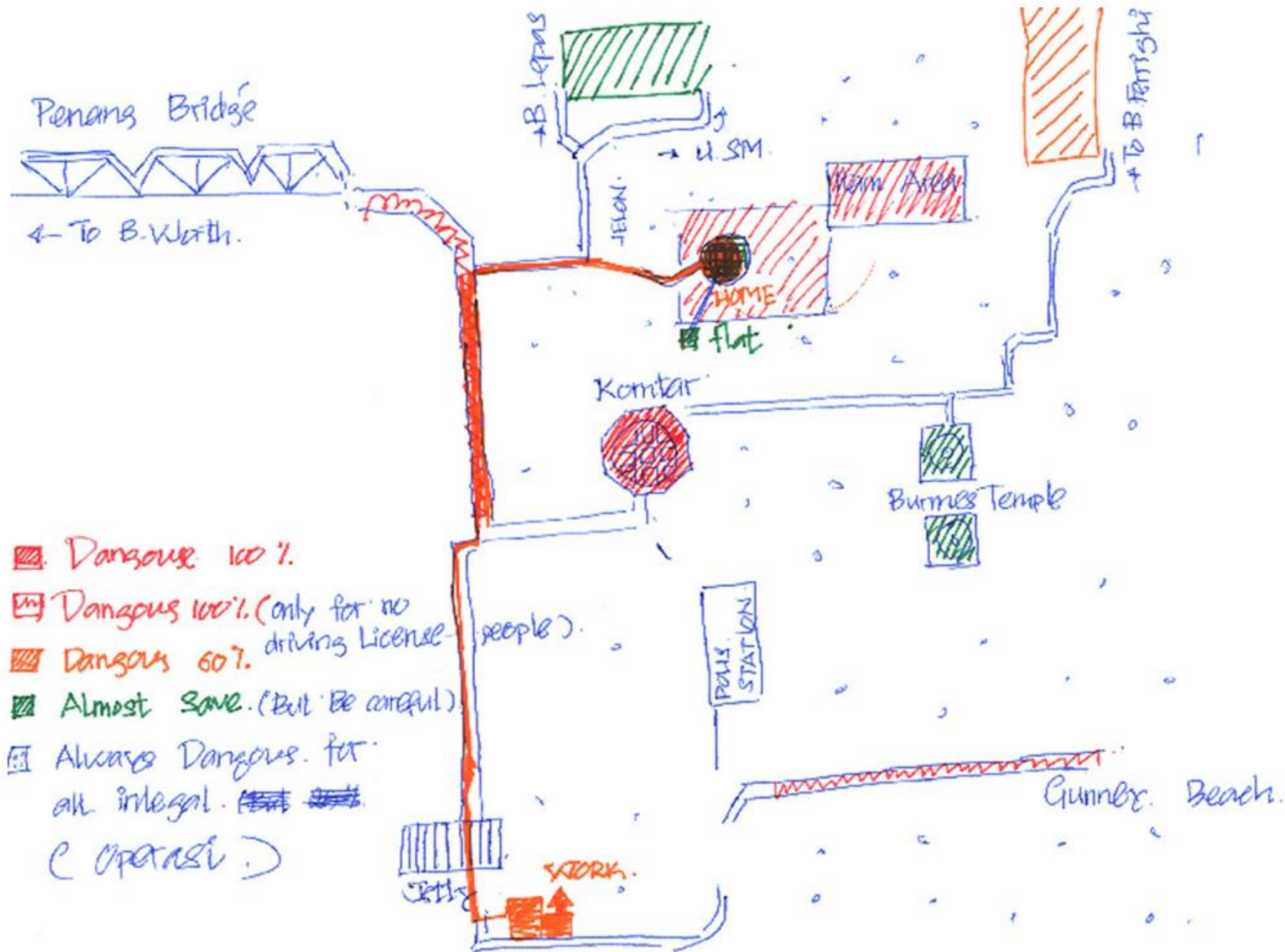




Figure 1 Nada's life path on a typical weekday before September 11.

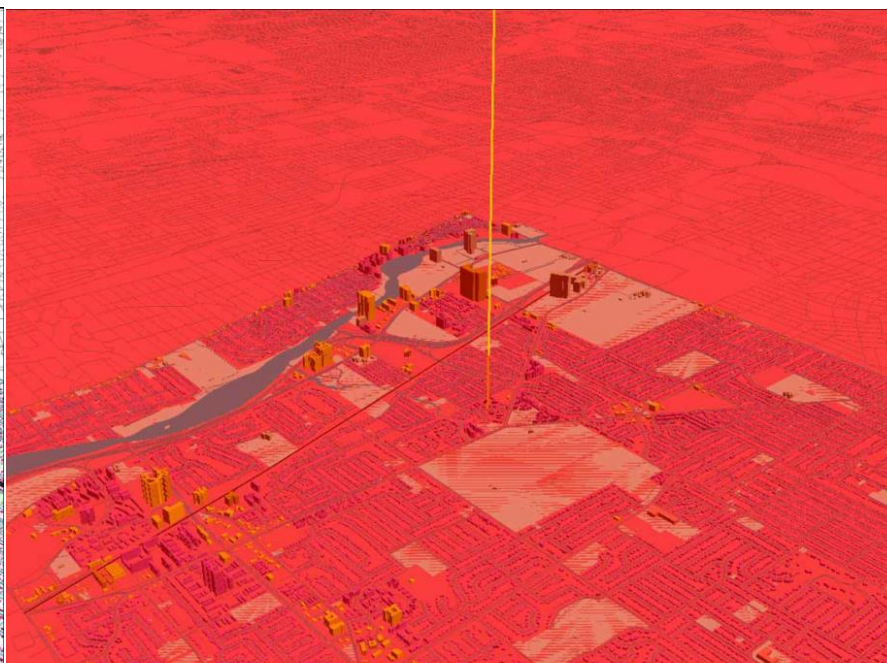
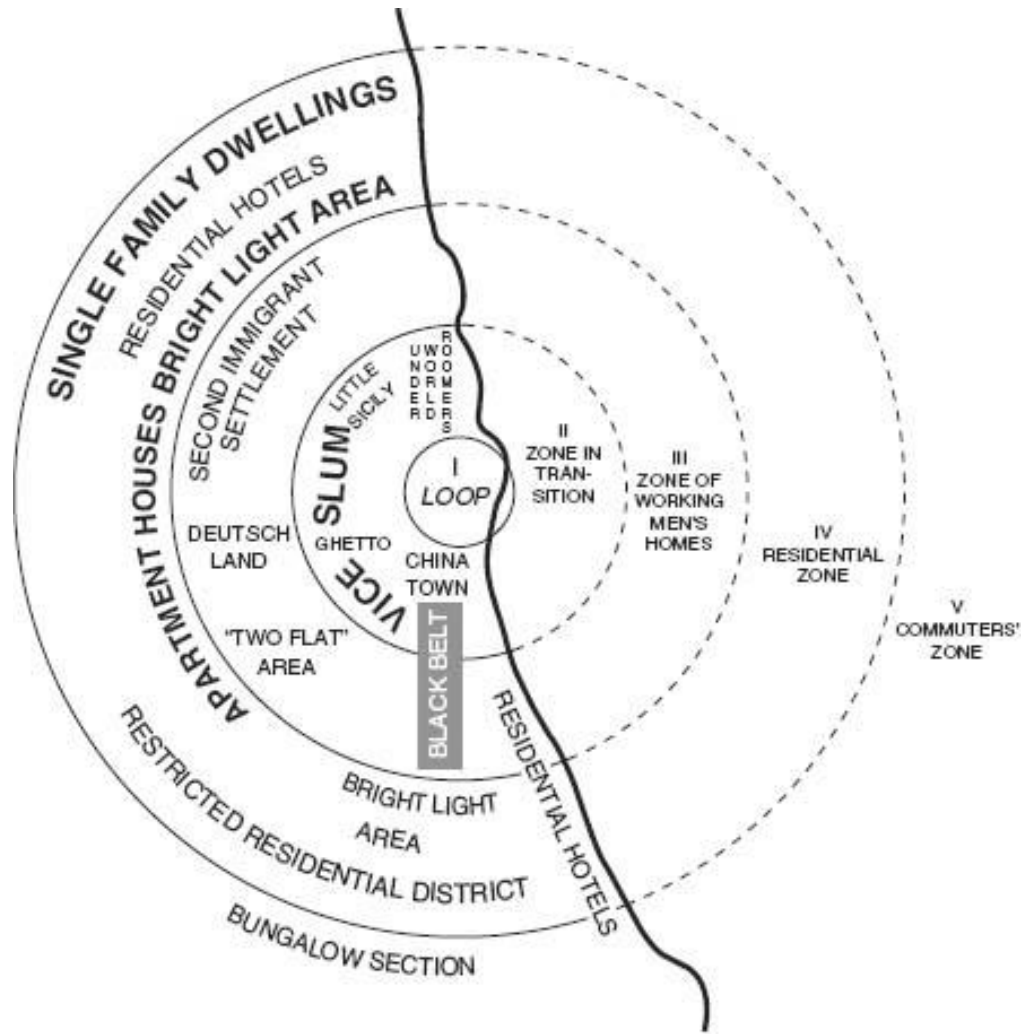


Figure 2 Nada's life path immediately after September 11.



Figure 4 Nada's life path several weeks after September 11.

Kwan, Mei-Po (2008): From oral histories to visual narratives. Re-presenting the post-September 11 experiences of the Muslim women in the USA. In *Social & Cultural Geography* 9 (6), pp. 653–669. DOI: 10.1080/14649360802292462.



<https://sk.sagepub.com/reference/urbanstudies/n46.xml>

THE COSMOPOLITAN CANOPY

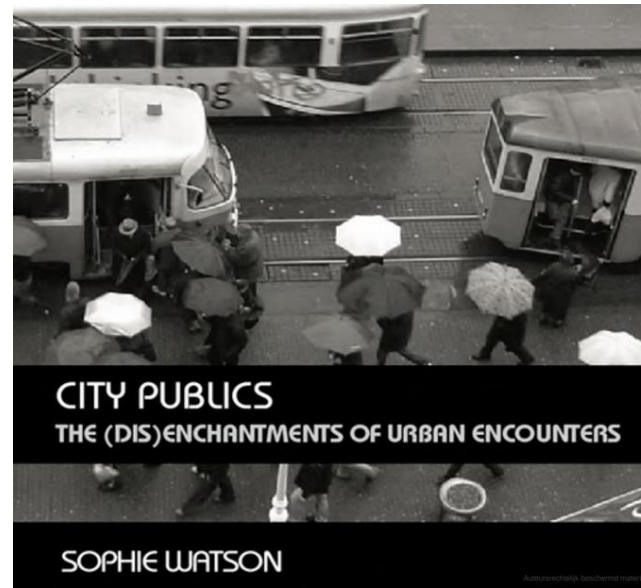


RACE AND CIVILITY IN EVERYDAY LIFE

ELIJAH ANDERSON

AUTHOR OF *CODE OF THE STREET*

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- New data realities challenge some important ideas about urban encounters and migration driven diversity
- But if and how this is playing out on the ground and importantly how it becomes part of urban data infrastructures is not so clear

DOI: 10.1111/gec3.12327

WILEY

ARTICLE

Contours of urban diversity and coexistence

Junjia Ye 

School of Social Sciences, Nanyang Technological University, 14 Nanyang Drive, Singapore 637332

Correspondence

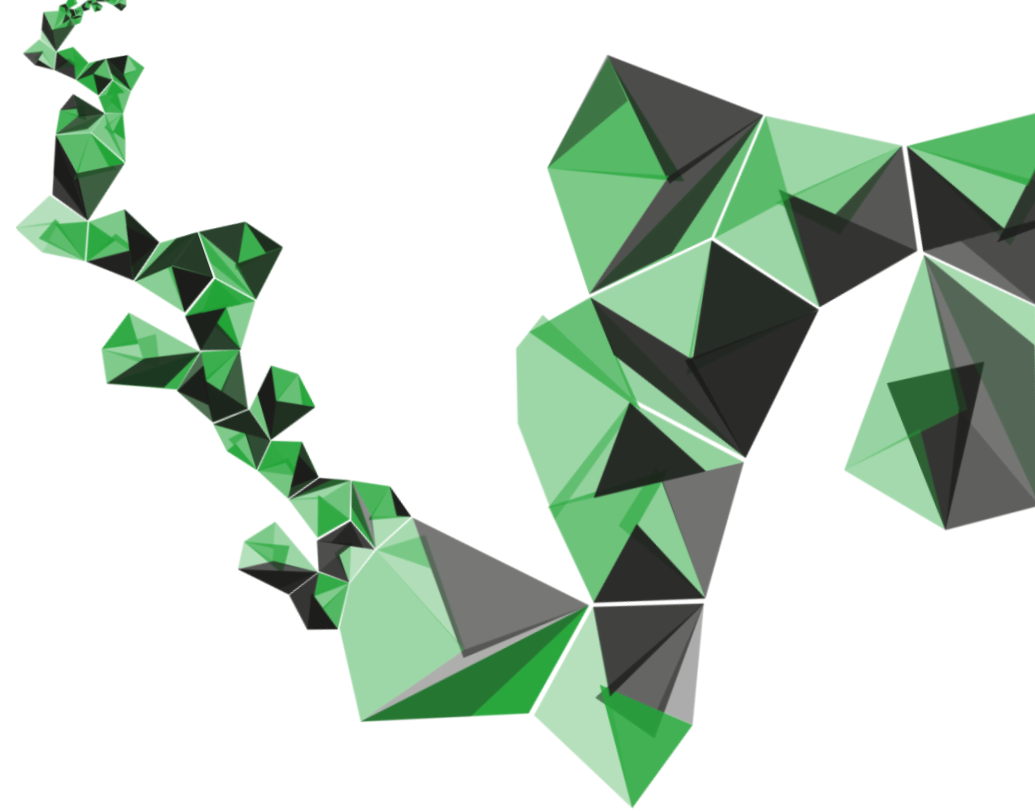
Junjia Ye, School of Social Sciences, Nanyang Technological University, 04-91, 14 Nanyang Drive, Singapore 637332.
Email: jjye@ntu.edu.sg

Abstract

The celebration of co-presence within city life has a long history in urban studies, beginning with analyses of contact with subjects different from ourselves. As new diversities arising from migration continue to both enrich and complicate the dynamics of urban community, there has been a renewed interest in the potential of the everyday intercultural encounter in shared spaces. This paper identifies two key strands of geographical imaginations in the growing fields of urban diversity and coexistence. I first review the geography of togetherness through the sharing of space before moving on to discuss the spatialities of structured and structuring practices that can enclose these micro-publics. Consequently, I then highlight the work of difference-making that is done at both policy and everyday level that generates, filters, sorts, and organizes diversity. What emerges is the need for more attention to the impact of governance and management of diversity and the contingent effects of the characteristics and histories of migrant populations and the local politics of place.

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03. SHOULD WE ALL BE ETHICISTS NOW?



Sort of.

1 Focus on systems
not enough

2 Outsourcing
comes with its
own problems

(cf. Metcalf, Moss, boyd 2019)

3 Other approaches
to Ethics?

(cf. Amooore 2021)





THANK YOU

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Owning Ethics: Corporate Logics, Silicon Valley, and the Institutionalization of Ethics

Jacob Metcalf (Data & Society), Emanuel Moss (Data & Society, CUNY Graduate Center),
danah boyd (Microsoft Research, Data & Society)

INTRODUCTION

Ethics is arguably the hottest product in Silicon Valley's hype cycle today, even as headlines a lack of ethics in technology companies accumulate. After years of largely fruitless outside pre consider the consequences of digital technology products, the very recent past has seen a spik

Metcalf, Jacob; Moss, Emanuel; boyd, dana (2019): Owning Ethics. Corporate Logics, Silicon Valley, and the Institutionalization of Ethics. In *Social Research: An international quarterly* 82 (2), pp. 449–476.